

IN THE CLAIMS:

Please cancel Claims 8 and 12 without prejudice.

1. (Currently Amended) A swivel fitting, which comprises:

a body including a proximal, contact section with a first contact surface and a distal stem section extending from the contact section; said body contact surface extending radially outward and being frusto conical in shape;

said body including proximal and distal ends located at said contact and stem sections respectively;

a body bore extending through said body and open at said ends;

a housing including an outer surface and a receiver including a radially inward second contact surface that is frusto conical and that is sized and shaped to be slidingly but sealably received on said body contact surface; said housing outer surface being cylindrical in shape and adapted so as to be sized and shaped to be received on a cylindrical inner surface of a pipe;
in use said receiver receiving said body contact section with said body and receiver contact surfaces in engagement; and

said contact surfaces being slidable with respect to each other whereby said body is pivotably received in said housing.

2. (Currently Amended) The fitting according to claim 1, which includes:

~~said first and second contact surfaces having frusto-spherical configurations;~~

said stem section having a generally cylindrical configuration;

said body including an axis extending coaxially through said bore;

said housing having an annular configuration; and

said body being multi-axially pivotably received in said housing.

3. (Original) The fitting according to claim 2, which includes:

said housing including an annular seal including said receiver contact surface and an annular sleeve receiving said seal.

4. (Original) The fitting according to claim 3 wherein said body comprises a material chosen from among: metal, plastic, glass, rubber, elastomer, clay and concrete.

5. (Original) The fitting according to claim 3 wherein the housing comprises a material chosen from among: metal, plastic, glass, rubber, elastomer, clay and concrete.
6. (Original) The fitting according to claim 3 wherein said seal comprises a material chosen from among: metal, plastic, glass, rubber and elastomer.
7. (Original) The fitting according to claim 3 wherein said body and said housing assembly have circular cross-sectional configurations.
8. (Canceled)
9. (Original) The fitting according to claim 1 wherein said stem section includes means for connecting same in sealing engagement with an in-line component.
10. (Original) The fitting according to claim 9 wherein said stem section connecting means is chosen from among external threads, internal threads, external barbs, internal barbs, adhesive, gasket, compression seal and weldment.

11. (Original) The fitting according to claim 1 wherein said housing outer surface includes means for connecting same in sealing engagement with an in-line component.
12. (Canceled)
13. (Currently Amended) A fluid connection system for connecting first and second fluid components positioned in displaced misalignment or dynamic relationship with respect to each other, which system comprises:
first and second multi-axis swivel fittings connected to said first and second components respectively;
each said fitting including: a body with a proximal contact section having a radially outward extending frusto-spherical contact surface and a distal stem section extending coaxially therefrom; proximal and distal body ends located at said contact and stem sections respectively; a body bore extending between and open at said body ends; and a housing assembly including an annular seal with a radially inward facing frusto conical shaped receiver sized and shaped to form forming a socket to receive said body ~~with a~~ frusto-spherical contact surface and an annular sleeve receiving said seal; said sleeve having a cylindrical

radially outer surface;
said contact surfaces being in sliding engagement with said
body contact sections multi-axially pivotably received
in respective said sockets;
a first component connector having a first cylindrical inner
surface operably sealably receiving said first fitting
sleeve outer surface and fluidically connecting said
first component to said first fitting;
an intermediate connector fluidically connecting said first
and second fittings;
a second component connector having a second cylindrical
inner surface operably sealably receiving said second
fitting sleeve outer surface and fluidically connecting
said second fitting to said second component; and
said fittings being independently, multi-axially pivotable
whereby said system is adapted for universal,
adjustable offset alignment of said components.

14. (Original) The system according to claim 13, which includes:
said first component connector being connected to said first
fitting sleeve;
said intermediate connector being connector to said body
distal ends of said first and second fittings; and
said second component connector being connector to said

second fitting sleeve.

15. (Currently Amended) The system according to claim 14, which includes:

said first component connector comprising a bell end mounted on said first component and including an open end having said first cylindrical inner surface and receiving said first fitting sleeve;

said intermediate connector having a tubular configuration with first and second ends receiving said distal body ends of said first and second fittings respectively; and

said second component connector comprising a bell end mounted on said second component and including an open end having said second cylindrical inner surface and receiving said second fitting sleeve.

16. (Original) The system according to claim 13, which includes:

said first component connector comprising a bell end mounted on said first component and including an open end receiving said first fitting sleeve;

said intermediate connector comprising a neck with a hollow, tubular configuration and integrally formed with said first and second fitting bodies;

said bores extending continuously through said bodies and
said neck; and

said second component connector comprising a bell end
mounted on said second component and including an open
end receiving said second fitting sleeve.

17. (Currently Amended) The system according to claim 16, which
includes:

said bodies comprising a unitary component with a maximum
diameter at said body contact surfaces and a reduced
diameter at said neck; and

~~said seal contact surfaces forming frusto-spherical
configurations for slidably receiving said body contact
surfaces in sealing engagement.~~

18. (Original) The system according to claim 13 wherein each said
body distal end includes an annular
lip forming a stop adapted for engaging a respective
seal with said fitting in an extreme angular
orientation thereof.

19. (Currently Amended) In combination with a sewer system having a main, subsurface sanitary sewer pipe and multiple inlet fitting adapted for mounting plumbing fixtures, the improvement of a multi-axis swivel connection system for interconnecting the inlet fittings with the pipe and for accommodating misalignment therebetween, which connection system comprises:

first and second multi-axis swivel fittings:

each said fitting including: a body with a proximal contact section having ~~a~~ an outward extending frusto-spherical contact surface and a distal stem section extending coaxially therefrom; proximal and distal body ends located at said contact and stem sections respectively; a body bore extending between and open at said body ends; and a housing assembly including ~~a~~ an annular seal having an inward facing frusto conical contact surface sized and shaped to receive said body contact surface so as to form ~~forming~~ a socket with a frusto-spherical contact surface and an annular sleeve receiving said seal; said housing having an outer cylindrical surface;

said seal contact surfaces being in sliding engagement with respective body contact surfaces with said body contact sections multi-axially pivotably received in respective

sockets;

a saddle connector mounted on said pipe and including a bell end having a cylindrical shaped first inner surface sized and shaped to receive ~~receiving~~ said first fitting sleeve, such saddle connector being adapted for transferring discharge from said connection system to said pipe;

an intermediate connector fluidically connecting said stem sections of said first and second fittings;

an upper connector connected to said inlet fitting and including a bell end having a cylindrical shaped second inner surface sized and shaped to receive ~~receiving~~ said second fitting sleeve, said upper connector receiving discharge from said plumbing fixture and transferring same to said connection system; and

said fittings being independently, multi-axially pivotable whereby said system is adapted for universal, adjustable offset alignment of said components.

20. (Original) The connection system according to claim 19 wherein said intermediate connector comprises a tubular component with first and second ends receiving said stem sections of said first and second fittings respectively.

21. (New) A pipe and swivel fitting assembly comprising:

a pipe having a bore and a fitting receiving end; said

receiving end having a cylindrical inner surface;

a fitting body having an axially extending bore and a

radially outward extending frusto conical surface near

one end thereof;

a housing sized and shaped to be positioned between said

body frusto conical surface and said pipe receiving end

cylindrical inner surface;

said housing having a frusto conical surface on the radially

inner side thereof sized and shaped to be sealingly but

slideably received on said body frusto conical surface;

and

said housing having a radially outer cylindrical surface

sized and shaped to sealingly mate with said pipe

cylindrical inner surface.

22. (New) The assembly according to Claim 20 including:

said housing includes a seal on the inner side thereof and

an annular sleeve operably positioned between said pipe

and said seal.